Preconceptual Planning	Conceptual Design	Preliminary Design	Final Design	Construction	Operations
* CD-0 Approve Missio	Selection & Range	native Approve Po Cost Base	CD-2 CD-3 CD-4 pprove Performance Approve Start of Approve Start of Operations or Project Baseline Construction Completion		
CD-0	Actions Au	<mark>ithorized by Cr</mark>	itical Decision (CD-2	(CD) Approval CD-3	CD-4
Proceed with Conceptual Design Request PED funding Start monthly PARS Quarterly Project Performance reporting	Allow Expenditure of P Funds for preliminary d	ED • Establish esign • Continue	n Performance	• Approve •	Allow start of operations or project completion
	Non-Nucle	ear FacilitiesP	<mark>rerequisite Ac</mark> ti	ivities for CDs	
Review of Mission Need Statement (MSN) by Office of Program Analysis & Evaluation (CF-20) for \$100M or greater. Perform Mission Need Independent Project Review (IPR) for Major System (MS) projects (>=\$750K) Perform Preconceptual Planning Evaluate Information Technology (IT) projects with Departmental Enterprise Architecture framework	 Alternative Analysis Value Management determination Assess Requirements Analysis, Risk Analysis Alternative Analysis, & Management. Appoint FPD 	Review validation \$100 M Perform Review Cost Est project a Program less than	Independent (EIR) & on by OECM for or greater. Independent Cost or Independent imates for MS as part of EIR IPR for \$20M to a \$100M of Preliminary h compliant EVMS for \$20M de EVMS for IPC with \$50M Value ring (as ole) rate High ance Sustainable g provisions into	Executability EIR by OECM for MS projects Perform IPR for Non-MS projects by Program (SC)	Verify Key Performance Parameter or Completion Criteria achieved Perform Readiness Assessment or Operational Readiness Review Revise environmental management system. Set CD-4 Closeout Perform Final Administrative & Financial Closeout Conduct Post Implementation Review for IT projects
Hazard Category 1, 2, and 3 Nuclear FacilitiesAdditional Prerequisite Activities/Documents for					
	 Perform Technical IPR Prepare Conceptual Saf Design Report (SDR) Prepare a Preliminary S Validation Report (PSV 	ety • Prepare lafety • Prepare lafety updated	Preliminary SDR a PSVR based on design	Prepare Preliminary Documented Safety Analysis Report (SAR)	Prepare Documented SAR with Technical Safety Requirements Prepare SER
• MNS	Acquisition Strategy	1	te Documents ance Baseline	1.	Checkout, Testing &
Tailoring Strategy AS-Acquisition Strategy	 Acquisition Strategy Conceptual Design Report Risk Management Plant Risk Assessment Preliminary PEP, Preliminary Hazard And (HA), Preliminary Security Vulnerability Assessment Report (SVAR) Initial Cyber Security For It projects. QA Program Document MNS-Mission Need 	ort Prelimin Updated Assessr Updated at Field Updated SVAR NEPA NEPA Updated Svar Updated Svar Updated Svar Updated Svar Updated Svar Updated Svar Nepa Updated Svar Nepa Updated Svar Nepa Updated Security projects	hary Design I Risk hent I PEP I HA (Approved Level) I Preliminary Documentation I Initial Cyber y Plan for IT	 Final Design Updated CD-2 documents Updated QA Program An Approved Construction Project Safety & Health Plan Updated Cyber Security Plan for IT projects 	Commissioning Plan Project Transition/ Closeout Plan Transition-to-Operations Plan Finalized QA Plan, SVAR, HA Report, Construction Project Safety & Health Plan, Finalized Cyber Security Plan for IT projects & completed Certification & Accreditation, as required est CD-4 Closeout Final Project Closeout Report Lessons Learned Report
EIR-External Independent Review					

• After CD-0 approval, Exhibit 300 for Projects =>\$20M: Annual submission initiated during the federal budget cycle when funds are requested.

• Project Data Sheets: Annual submission initiated during the federal budget cycle when TEC funds are requested.